

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/DE 00379

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B24B23/04 B24D15/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B24B B24D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EP0-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 322 582 A (BOSCH GMBH ROBERT) 2 September 1998 (1998-09-02) cited in the application abstract; figures ---	1,8
A	US 3 540 161 A (DAUGHETEE LEW H ET AL) 17 November 1970 (1970-11-17) cited in the application column 2, line 20 - line 52; figures 1,2 ---	1
E,L	WO 03 015985 A (BALMELLI MARCO ; BOSCH GMBH ROBERT (DE); BOCKA SABINE (DE)) 27 February 2003 (2003-02-27) L: Priorität page 5, line 11 - line 12; claims --- -/--	1,3-7



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the International search

13 June 2003

Date of mailing of the International search report

23/06/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Eschbach, D

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/DE 03/00379

C.(Continuation) DOCUMENTS CONSIDERED RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E, L	WO 03 015987 A (BALMELLI MARCO ; BOSCH GMBH ROBERT (DE); BOCKA SABINE (DE)) 27 February 2003 (2003-02-27) L: Priorität claims -----	2-8

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
GB 2322582	A	02-09-1998	DE	19800044 A1	03-09-1998
			CN	1192954 A ,B	16-09-1998
			IT	MI980339 A1	20-08-1999
US 3540161	A	17-11-1970	US	3434247 A	25-03-1969
WO 03015985	A	27-02-2003	DE	10139548 A1	20-02-2003
			WO	03015985 A1	27-02-2003
WO 03015987	A	27-02-2003	DE	10139547 A1	20-02-2003
			WO	03015987 A1	27-02-2003